	Schedule 4.3 Cross-	1		1		1	
	Reference/Service Framework						
Resource Unit	Component **	Unit of Measure	Pricing	Decomposition (specific cost detail breakouts)	Resource Unit Fee	Component Fee	Description of Components
Resource Unit	Desktop Services - Personal Computing	Unit of Measure	Pricing	Decomposition (specific cost detail breakouts)	Resource Unit Fee	Component ree	Description of Components
Standard PC	Services - Personal Computing Services - Section 4.4	Standard PC	Fixed monthly fee per unit		\$ 92.35		
Standard PC	ServicesSection 4.4	Standard PC	Fixed monthly fee per unit	Hardware	\$ 92.55	\$ 42.30	
				Hardware maintenance Software license		\$ 7.36 \$ 8.38	
	-			Software maintenance		\$ 20.11	
				IMAR's			
						\$ 11.08 \$ 0.69	
				Desktop Application Directory Maintenance			
	De-later Comition Demonstration			Printer Maintenance		\$ 2.42	
CWG CM 46 DC	Desktop Services - Personal Computing	CIVIC CI 4C DC	E l die '		6 57.00		
CWS/CMS PC	ServicesSection 4.4	CWS/CMS PC	Fixed monthly fee per unit		\$ 57.00		
				Hardware		\$ 0.04	
				Hardware maintenance		\$ 8.38	
				Software license		\$ 9.54	
				Software maintenance		\$ 22.90	
				IMAR's		\$ 12.61	
				Desktop Application Directory Maintenance		\$ 0.79	
				Printer Maintenance		\$ 2.76	
	Desktop Services - Personal Computing	a w					
CalWin PC	ServicesSection 4.4	CalWin PC	Fixed monthly fee per unit		\$ 57.00		
				Hardware		\$ 0.04	
				Hardware maintenance		\$ 8.38	
				Software license		\$ 9.54	
				Software maintenance		\$ 22.90	
				IMAR's		\$ 12.61	
				Desktop Application Directory Maintenance		\$ 0.79	
	Desktop Services - Personal Computing						
Engineering Work Station	ServicesSection 4.4	Engineering Work Station	Fixed monthly fee per unit		\$ 148.56		
							obtained from Original Equipment Manufacturers for the hardware that meets the County's
							standards. The amount included in the Price reflects the monthly depreciation for refresh cycle
				Hardware		82.65	of 4 years (refresh cycle of a Standard PC).
				Haidwaic		82.03	This element comprises break-fix services, primarily labor and parts. Based on our experience
							and industry standards, we had made an assumption on failure rates of the hardware and the
							level of effort and resources (e.g., spare parts and other consumables) required to perform the
				Hardware Maintenance/Break-Fix		10.08	repair services on a per call basis.
							by quotations received from software vendors/manufacturers. Based on the Refresh Cycle of 4
							years for Standard PCs, the aggregated cost is then apportioned over the baseline volume of
				Software License		0.56	Standard PCs.
				Software Electise		7.50	This comprises costs associated with the labor and resources for desk-side/Level 2 support.
							Based on our experience and industry standards, we had made an assumption on PC failure
							rates and the level of effort and resources required to perform the repair services on a per call
				Software Break-Fix		15.46	basis.
							IMAR costs are Labor associated with IMAR's. Based on our experience and industry
				IMAR's		14.10	standards, and the number of expected IMAR's per year (refresh activities considered), we were able to compute the level of effort required.
				IMAKS		14.10	Refresh Support represents the labor to conduct ongoing refresh activities. Includes
							warehousing activities, imaging, hardware delivery to County site, provide install services,
				Refresh Support		6.41	removal of old PC and any boxes and packing materials.
				· •			This represents the labor, equipment and software costs associated with operating the Desktop
							Service Office, which provides centralized control of all desktop services, Model Office, and
				Desktop Application Directory Maintenance		10.30	automated software distribution.
	Desktop Services - Personal Computing				_		
Enhanced Engineering Workstation	ServicesSection 4.4	Engineering Workstation	Fixed monthly fee per unit		\$ 149.82		
				Hardware		83.91	
				Hardware Maintenance/Break-Fix		10.08	
				Software License		9.56	
				Software Break-Fix		15.46	
				IMAR's		14.10	
						6.41	
				Refresh Support			
	D 1: 0 : 5 : 12	Dogg Do / 11 o 1		Desktop Application Directory Maintenance		10.30	
DCSS PC (with refresh and IMAR)	Services - Section 4.4	IMAR)	Fixed monthly fee per unit		\$ 52.27	ļ	
				Hardware (Refresh Labor)		\$ 4.85	
				Hardware maintenance		\$ 8.38	
				Software license			
				Software maintenance		\$ 22.90	
				IMAR's		\$ 12.61	
				Desktop Application Directory Maintenance		\$ 0.77	

		1	1	Printer Maintenance		\$ 2.76	1
	Desktop Services - Personal Computing			Frintei Maintenance		\$ 2.70	
Laptops	ServicesSection 4.4	Laptop	Fixed monthly fee per unit		\$ 137.46		
							This represents the costs of acquiring assets to support the Refresh tasks. The amount included
				Hardware		50.52	in the Price is the monthly lease payments for a leasing term of 3 years (refresh cycle of a Laptops).
	+			Hardware Maintenance/Break-Fix			This element comprises break-fix services, primarily labor and parts.
				Haidware Maintenance/Break-11x		7.65	Software licenses include the cost of software license upgrades/refresh. Based on the Refresh
							Cycle of 3 years for Laptops, the aggregated cost is apportioned over the baseline volume of
				Software License		18.24	Laptops.
				Software Break-Fix		20.46	This comprises costs associated with the labor and resources for desk-side/Level 2 support.
				IMAR's			IMAR costs are Labor associated with IMAR's.
							Retresh Support represents the labor to conduct ongoing retresh activities. Includes
				D C 1 C		0.00	warehousing activities, imaging, hardware delivery to County site, provide install services, removal of old Laptop and any boxes and packing materials.
				Refresh Support		9.99	This represents the labor, equipment and software costs associated with operating the Desktop
							Service Office, which provides centralized control of all desktop services, Model Office, and
				Desktop Application Directory Maintenance		10.30	automated Software distribution.
Ruggedized Laptops	Desktop ServicesSection 4.4	Laptop - Rugged	Fixed monthly fee per unit		\$ 208.56		
							This represents the costs of acquiring assets to support the Refresh tasks. The amount included
				Hardware		127.29	is the cost of the hardware amortized over three years (refresh cycle of a Laptops).
				Hardware Maintenance/Break-Fix			This element comprises break-fix services, primarily labor and parts.
			İ				Software licenses include the cost of software license upgrades/refresh. Based on the Refresh
				Software License		10 24	Cycle of 3 years for Laptops, the aggregated cost is apportioned over the baseline volume of Laptops.
				Software License		18.24	Laptops.
				Software Break-Fix		20.46	This comprises costs associated with the labor and resources for desk-side/Level 2 support.
				IMAR's		11.10	IMAR costs are Labor associated with IMAR's.
							Refresh Support represents the labor to conduct ongoing refresh activities. Includes
				Refresh Support		0.00	warehousing activities, imaging, hardware delivery to County site, provide install services, removal of old Laptop and any boxes and packing materials.
				Refresh Support		).))	This represents the labor, equipment and software costs associated with operating the Desktop
							Service Office, which provides centralized control of all desktop services, Model Office, and
				Desktop Application Directory Maintenance		10.30	automated Software distribution.
Convertible Tablet	Desktop ServicesSection 4.4	Convertible Tablet	Fixed monthly fee per unit		\$ 162.34		This represents the costs of acquiring assets to support the Refresh tasks. The amount included
							in the Price is the monthly lease payments for a leasing term of 3 years (refresh cycle of a
				Hardware			Tablets).
				Hardware Maintenance/Break-Fix		11.18	This element comprises break-fix services, primarily labor and parts.
							Software licenses include the cost of software license upgrades/refresh. Based on the Refresh Cycle of 3 years for Tablets, the aggregated cost is apportioned over the baseline volume of
				Software License		18.24	Tablets.
				Software Break-Fix			This comprises costs associated with the labor and resources for desk-side/Level 2 support.
				IMAR's		11.10	IMAR costs are Labor associated with IMAR's.  Refresh Support represents the labor to conduct ongoing refresh activities. Includes
							warehousing activities, imaging, hardware delivery to County site, provide install services,
				Refresh Support		9.99	removal of old Tablet and any boxes and packing materials.
							This represents the labor, equipment and software costs associated with operating the Desktop Service Office, which provides centralized control of all desktop services, Model Office, and
				Desktop Application Directory Maintenance		10.30	automated software distribution.
	Desktop Services - Personal Computing						
DCSS Laptop (with refresh and IMAR)	Services	DCSS Laptop	Fixed monthly fee per unit		\$ 63.94		
				Hardware (Refresh Labor)		\$ 4.85	
				Hardware maintenance		\$ 10.44	
				Software license		\$ 28.53	
				Software maintenance IMAR's		\$ 28.53 \$ 15.71	
	+	1		Desktop Application Directory Maintenance		\$ 0.98	
	1			Printer Maintenance		\$ 3.44	
	Desktop Services - Personal Computing				005		
Engineering Laptop	Services	Laptop	Fixed monthly fee per unit		\$209.69		
							This represents the costs of acquiring assets to support the Refresh tasks. The
							amount included in the Price is the monthly lease payments for a leasing term of 3
				Hardware		\$ 131.75	years (refresh cycle of a Laptops).
				Hardware maintenance/breakfix		\$ 7.85	This element comprises break-fix services, primarily labor and parts.  Software licenses include the cost of software license upgrades/refresh. Based on the Refresh
		1					Cycle of 3 years for Laptops, the aggregated cost is apportioned over the baseline volume of
İ							
				Software license		\$ 18.24	Laptops
						10.21	
				Software license  Software maintenance/Breakfix  IMAR's		\$ 20.46	Laptops  This comprises costs associated with the labor and resources for desk-side/Level 2 support.  IMAR costs are Labor associated with IMAR's.

				Refresh Support represents the labor to conduct ongoing refresh activities. Includes
				warehousing activities, imaging, hardware delivery to County site, provide install services,
		Refresh Support		removal of old Laptop and any boxes and packing materials.
				Refresh Support represents the labor to conduct ongoing refresh activities. Includes
				warehousing activities, imaging, hardware delivery to County site, provide install services,
		Desktop Application Directory Maintenance	\$ 10.30	removal of old Laptop and any boxes and packing materials.

	In		1	1	1		
	Desktop Services - Personal Computing						
Terminals	ServicesSection 4.4	Terminal	Fixed monthly fee per unit	TT	\$ 41.51		
				Hardware Hardware maintenance		\$	8.53
				Software license		\$	8.55
				Software maintenance			18.42
	<del> </del>			IMAR's			12.83
DCSS Printer	Desktop ServicesSection 4.4	DCSS Printer	Fixed monthly fee per unit	INT IK S	\$ 300.10		12.03
DC33 Fillitei	Desktop ServicesSection 4.4	DC33 FIIIIlei	Fixed monthly fee per unit	Maintenance	\$ 300.10		17.12
	<del> </del>			IMAR		\$	17.12
				Refresh Labor, ODC		\$	2.36
				Consumables (excluding paper)			280.63
Monochrome Network Workgroup Printer - Standard Format				consumation (excitating paper)		ų.	200.03
(abbreviated as "MNWP")	Desktop Services - Section 4.9	MNWP	Fixed monthly fee per unit		\$ 93.06	5	
,				Maintenance			33.56
				IMAR			
				Refresh Hardware		\$	55.95
				Refresh Labor, ODC		\$	3.55
Monochrome Network Workgroup Printer - Large Format							
(11x17 capable)(abbreviated as "MNWP-LF")	Desktop Services - Section 4.9	MNWP-LF	Fixed monthly fee per unit		\$ 98.56		
				Maintenance		\$	26.94
				IMAR			
				Refresh Hardware			68.07
				Refresh Labor, ODC		\$	3.55
Monochrome Network High Volume Printer - Large Format							
(11x17 capable) (abbreviated as "MNWP-LF-H")	Desktop Services - Section 4.9	MNWPL-FH	Fixed monthly fee per unit		\$ 188.28		
				Maintenance		\$	57.76
				IMAR		_	
				Refresh Hardware			119.87
				Refresh Labor, ODC		\$	10.65
Color Network Workgroup Printer - Large Format		00 W W V P					
(abbreviated as "CNWP-LF")	Desktop Services - Section 4.9	CNWP-LF	Fixed monthly fee per unit		\$ 276.28		100.45
				Maintenance		\$	120.65
				IMAR			144.00
				Refresh Hardware			144.98 10.65
Color Network Workgroup Printer - Standard Format				Refresh Labor, ODC		3	10.05
(abreviated as "CNWP")	Desktop Services - Section 4.9	CNWP	Fixed monthly fee per unit		\$ 71.13		
(abieviated as Civwi )	Desktop Services - Section 4.9	CIVVI	1-ixed infolitility fee per unit	Maintenance	φ /1.1.		24.56
				IMAR		\$	
				Refresh Hardware			43.02
				Refresh Labor, ODC		\$	3.55
	Network Services - Data Network					,	
	ServicesSection 5.4, Data Center						
	Services - Infrastructure Servers						
	Section 6.6, Network Services -						
End-User Data Jack	Security ServicesSection 5.7	Active Data Jack	Fixed monthly fee per unit		\$ 85.26		
				Hardware		\$	18.62
				Hardware maintenance			26.05
				Software		\$	0.47
		·		Software maintenance			10.48
				IMAR's		\$	5.28
	Natural Camina D			Circuits		\$	24.36
	Network Services - Remote Access						
	ServicesSection 5.5, Network		1				
n	Services - Security ServicesSection 5.7	A saline A	F: 1 41 5				
Remote Access	3./	Active Account	Fixed monthly fee per unit	Hardware	\$ 11.73		1.06
	<del>                                     </del>		<b> </b>			\$	
				Hardware maintenance Software		\$	3.05 0.09
	+			Software Maintenance		\$	2.19
	+		1	IMAR's		\$	4.37
	+		1	Circuits		\$	0.98
	Network Services - 3rd Party		1	Carcano		Ψ	****
3rd-Party Network Access-Category 1	NetworkAccess Services -Section 5.9		Fixed monthly fee per unit		\$ 929.12		
51d Tarry Technolic Process-Caregory 1	1.c. norm recess per vices -pection 3.5		2 2.000 monthly fee per tilit	Hardware	y /29.12		305.43
	<del>                                     </del>			Hardware maintenance			261.69
				Software			152.71
				Software maintenance			29.07
			İ	IMAR's			180.21
			•	•			•

	Network Services - 3rd Party						
3rd-Party Network Access-Category 2	Network Access Services - Section 5.9		Fixed monthly fee per unit		\$ 292.82		
Sid-Faity Network Access-Category 2	NetworkAccess Services -Section 5.9		Fixed monthly fee per unit	Hardware	\$ 292.82	\$ 50.91	
				Hardware maintenance		\$ 147.16	
				Software		\$ 25.45	
				Software maintenance		\$ 16.35	
				IMAR's		\$ 52.95	
	Network Services - 3rd Party			I'm nes		9 32.93	
3rd-Party Network Access- Category3	NetworkAccess Services -Section 5.9		Fixed monthly fee per unit		\$ 356.45		
sta rang rection recess categorys	Trettrona access per vices accusings.		1 incu montany rec per unit	Hardware	\$ 350.10	\$ 76.36	
				Hardware maintenance		\$ 158.61	
				Software		\$ 38.18	
				Software maintenance		\$ 17.62	
				IMAR's		\$ 65.68	
	Network Services - Mobility/Remote					- 35.00	
	Access ServicesSection 4.5, Network						
	Services - Security ServicesSection						
Mobility VPN Access	5.7	Active Account	Fixed monthly fee per unit		\$21.10		
Mobility VIIV recess	5.7	rictive ricedum	1 incu montary rec per unit	Hardware	\$21.10	\$2.65	
				Hardware maintenance		\$3.90	
				Software		\$3.40	
				Software maintenance		\$5.26	
				IMAR's		\$5.03	
				Circuits		\$0.87	
	Data Center Services -Application						
Mainframe	ServersSection 6.5	CPU Hour***	Fixed monthly fee per unit		\$ 140.48		
			, , , , , , , , , , , , , , , , , , , ,	Hardware		\$ 5.62	
				Operating system license		\$ 29.50	
				Hardware Maintenance		\$ 5.62	
				Software maintenance		\$ 99.74	
	Data Center Services -Application						
DEC VAX	ServersSection 6.5	Server	Fixed monthly fee per unit		\$ 2,784.17		
			, ·	Hardware		\$ -	
	1			Operating system license		\$ -	
	1			Hardware Maintenance		\$ 1,085.82	
	1			Software maintenance		\$ 1,698.34	
	Data Center Services -Application						
VMS Servers - Large	ServersSection 6.5	Server	Fixed monthly fee per unit		\$ 4,316.63		
5				Hardware		\$ 2,503.65	
				Operating system license		\$ -	
				Hardware Maintenance		\$ 302.16	
				Software maintenance		\$ 1,510.82	
,			•	•		-	

	Deta Genter Semiler Applicati		1	1	1		
TD 60 0 14 11	Data Center Services -Application						
VMS Servers - Medium	ServersSection 6.5	Server	Fixed monthly fee per unit	** 1	\$ 3,334.95	A 102122	
				Hardware		\$ 1,834.22	
				Operating system license		\$ -	
				Hardware Maintenance		\$ 333.49	
				Software maintenance		\$ 1,167.23	3
	Data Center Services -Application						
VMS Servers - Small	ServersSection 6.5	Server	Fixed monthly fee per unit		\$ 1,984.49		
				Hardware		\$ 1,151.01	
				Operating system license		\$ -	
				Hardware Maintenance		\$ 257.98	3
				Software maintenance		\$ 575.50	
	Data Center Services -Application						
AS/400	ServersSection 6.5	Server	Fixed monthly fee per unit		\$ 4,400.22		
			1 .	Hardware		\$ -	
				Operating system license		\$ -	
				Hardware Maintenance		\$ 2,464.13	:
				Software maintenance		\$ 1,936,10	
	Data Center Services -Application						
Wintel Application Servers - Large	ServersSection 6.5	Server	Fixed monthly fee per unit		\$ 2,251.23		
White Application Servers - Earge	BerversBeetion 6.5	Berver	r ixed monthly rec per unit	Hardware	Ψ 2,231.23	\$ 787.93	
	+			Operating system license		\$ 787.93	'
				Hardware Maintenance		\$ -	
			_			\$ 1,463.30	
	Data Center Services -Application			Software maintenance		\$ 1,463.30	
Wintel Application Servers - Medium	ServersSection 6.5	Server	Fixed monthly fee per unit	** 1	\$ 1,609.98		
				Hardware		\$ 482.99	
				Operating system license		\$ -	
				Hardware Maintenance		\$ -	
				Software maintenance		\$ 1,126.99	
	Data Center Services -Application						
Wintel Application Servers - Small	ServersSection 6.5	Server	Fixed monthly fee per unit		\$ 1,288.94		
				Hardware		\$ 360.90	
				Operating system license		\$ -	
				Hardware Maintenance		\$ -	
				Software maintenance		\$ 928.04	
	Data Center Services -Application						
Wintel Application Preprod/Test Servers - Large	ServersSection 6.5	Server	Fixed monthly fee per unit		\$ 1,685.13		
				Hardware		\$ 589.80	
				Operating system license		\$ -	
				Hardware Maintenance		\$ -	
	1			Software maintenance		\$ 1,095.34	i i
	Data Center Services -Application			** ** ** **		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Wintel Application Preprod/Test Servers - Medium	ServersSection 6.5	Server	Fixed monthly fee per unit		\$ 1,297.60		
	Servers Section of	DOLTO	2 Steel monany ree per unit	Hardware	1,277.00	\$ 532.02	
	+		1	Operating system license		\$ 552.02	
	+			Hardware Maintenance		\$ -	
	+			Software maintenance		\$ 765.59	

	Data Center Services -Application		1			
Wintel Application Preprod/Test Servers - Small	ServersSection 6.5	Server	Fixed monthly fee per unit		\$ 1,018.12	
				Hardware	\$	366.52
				Operating system license Hardware Maintenance	\$	-
				Software maintenance	\$ \$	651.59
	Data Center Services -Application			Software maintenance	g.	031.39
UNIX Servers - Large	ServersSection 6.5	Server	Fixed monthly fee per unit		\$ 5,286.76	
				Hardware	\$	2,167.57
				Operating system license	\$	-
				Hardware Maintenance	\$	528.68
	Data Center Services -Application			Software maintenance	\$	2,590.51
UNIX Servers - Medium	ServersSection 6.5	Server	Fixed monthly fee per unit		\$ 3,295.86	
OTAL BELVES - Medium	ServersBeetion 6.5	Scrvci	Tixed monthly fee per unit	Hardware	\$ 5,275.86	1,516.09
				Operating system license	\$	-
				Hardware Maintenance	\$	230.71
				Software maintenance	\$	1,549.05
, n	Data Center Services -Application					
UNIX Servers - Small	ServersSection 6.5	Server	Fixed monthly fee per unit	Hardware	\$ 2,154.96	861.98
	+		+	Operating system license	\$	-
	+		1	Hardware Maintenance	\$	344.79
				Software maintenance	\$	948.18
	Data Center Services -Application					
UNIX Servers Preprod/Test - Large	ServersSection 6.5	Server	Fixed monthly fee per unit		\$ 5,988.72	
				Hardware	\$	3,054.24
				Operating system license Hardware Maintenance	\$	598.87
	+		+	Software maintenance	\$	2,335.60
	Data Center Services -Application		+	Software maintenance	Ψ	2,333.00
UNIX Servers Preprod/Test - Medium	ServersSection 6.5	Server	Fixed monthly fee per unit		\$ 2,363.81	
•				Hardware	\$	1,181.91
				Operating system license	\$	-
				Hardware Maintenance	\$	165.47
	Data Center Services -Application			Software maintenance	\$	1,016.44
UNIX Servers Preprod/Test - Small	ServersSection 6.5	Server	Fixed monthly fee per unit		\$ 1,341.14	
Orall Belvery Treplow Text Brian	Servers Section 6.5	Berver	1 med mondary rec per dim	Hardware	\$	536.46
				Operating system license	\$	-
				Hardware Maintenance	\$	214.58
	D . G . G . L . V . J			Software maintenance	\$	590.10
VM Guest	Data Center Services -Application ServersSection 6.5	Per Guest	Fixed monthly fee per unit		724.80	
VM Guest	ServersSection 6.5	Per Guest	rixed monthly fee per unit	Hardware	124.80	- N/A
	+		+	Hardware Maintenance	\$	- N/A
	1			VMware Software License	\$	- VMware Software Licenses (Provided by County ELA)
						VMware vSphere and vCenter ongoing support - Includes setup and configuration
						management, applying patches from the vendor, administration, management for V
				Outsine Maintanana/a		Guests and rebalancing of VM Guests across VM Hosts based on perfromance and 35.33 capacity feedback.
	+			Ongoing Maintenance/support	\$	VMware LifeCycle Manager ongoing support - Includes OS software, support, setu
						and configuration management; Systems Administration; Applying patches from the
						vendor, Security Administration; Backup and restores of local disk (system
				Other Maintenance/support	\$	14.77 information only); and Perfromance and capacity monitoring.
				Additional Services	\$	674.70 SYSTEMS DEPLOYMENT Systems Deployment Services include the start-up
						activities necessary to support new or existing server environments, and includes,
						firewall configurations, presenting storage, OS Build, Utilities (antivirus, Opsware,
						Monitoring), BUR configuration, integration/acceptance testing, and the
						establishment of ongoing support services for base operating systems and virtual
				1		SYSTEMS MANAGEMENT Systems Management ensures operational
						functionality of operating system software on managed servers. It detects,
						categorizes, responds, restores, and documents image faults generated from fault
						monitoring alerts or problem management notifications. The feature focuses on the
						well-being of the physical servers, host systems, and all virtual images. Support
						includes, incident and performance monitoring and management, ongoing support,
	1		1	1		and vendor patch management services

						SERVER SECURITY Server Security includes security administration, compliance support, security incident response and audit. Security administration and compliance support services provide the ongoing operational support for administration and compliance activities, including but not limited to managing and maintaining level of access for authorized administrators, coordinating vulnerability scannine, and sunnortine security software unerades and refreshes.
						REQUEST MANAGEMENT Request Management provides the entry point for tracking and escalating hosting-related system problems, requests, and changes.
						PROBLEM MANAGEMENT Problem Management consists of problem identification, recording, corrective action, root-cause analysis, periodic trending for patterns of problems, and maintenance of trouble tickets. Problems are escalated and resolved based on severity level prioritization.  CHANGE MANAGEMENT Change Management consists of procedures and
						methods for implementing changes. The change control procedure facilitates the proper planning, analyzing, communicating, and scheduling of hardware, system software, and environmental changes.  CLIENT SUPPORT Client Support is responsible for the technical implementation
						of infrastructure, developing test plans, and coordinating the various technical teams associated with the implementation. VIRTUAL SERVER SERVICES The feature provides ongoing support for guest
						images. This includes configuration and on-going support required of the virtualized environment.  Initial set-up and configuration of VMWare agents across guest devices.
						<ul> <li>Administration of VMWare software. Perform VMware management activities, such as, managing virtual machines and virtual machine farms, image management, and other functions available through the VMware VirtualCenter console.</li> </ul>
VM Host	Data Center Services -Application ServersSection 6.5	Per ESX Host	Fixed monthly fee per unit		1,679.43	
				Hardware	\$	Hardware, OS, Extended Warranty for 5 years and LAN within the SMC. Equivalent to a Large Wintel server - currently a Dell R900/HP BL680c with 4 CPU - but with
				Opertaing System License Hardware Maintenance	\$	- Windows Operating System License - Hardware Service Maintenance
				Software Maintenance	\$	- VMware Software Licenses (Provided by County ELA)
				Ongoing Maintenance/support	\$	- VMware vSphere and vCenter ongoing support (Allocated via VM Guest)
				Additional Services	\$	1,010.36 SYSTEMS DEPLOYMENT Systems Deployment Services include the start-up activities necessary to support new or existing server environments, and includes procurement, initial server build, racking devices, cabling network / storage, firewall configurations, switch port configurations, presenting storage, OS Build, Utilities (Opsware, Monitoring), DC integration/acceptance testing, and the establishment of ongoing support services for base operating systems and host builds. This includes the build out and support of C7000 enclosure used by HP BL680c.
						FACILITIES MANAGEMENT Facilities Management provides you with environmental systems such as floor space, power, racks, cooling, and physical security services.
						SYSTEMS MANAGEMENT Systems Management ensures operational functionality of operating system software on managed servers. It detects, categorizes, responds, restores, and documents image faults generated from fault monitoring alerts or problem management notifications. The feature focuses on the well-being of the physical host servers. Support includes, incident and performance monitoring and management, ongoing support, and vendor patch management
						SERVER SECURITY Security administration and compliance support services provide the ongoing operational support for administration and compliance activities including but not limited to managing and maintaining level of access for authorized administrators, coordinating vulnerability scanning, and supporting security software
						unorades and refreshes.  REQUEST MANAGEMENT Request Management is the service provided for the administration of tasks into the leveraged delivery towers supporting the server infrastructure. Request Management is the activity associated with the tracking and escalating hosting-related system problems, requests, and changes.
						PROBLEM MANAGEMENT Perform tasks required to support the problem management process and required deliverables. This includes tasks such as assessing incidents and identifying root cause or commonality across incidents that may be addressed through corrective action. Providing the required research to populate Roor Cause Analysvs forms and attending required review session.

		CHANGE MANAGEMENT Perform tasks required to support the change management process and required deliverables. This includes tasks such as populating assessing the impact of a change request, submitting Request for Change (RFC) forms, reviewing RFC's as part of the chain of approvals, attending CRCB to represent change.
		CLIENT SUPPORT Client Support is responsible for the technical implementation of infrastructure, developing test plans, and coordinating the various technical teams associated with the implementation.
		VIRTUAL SERVER SERVICES The feature provides ongoing support for host images. This includes configuration and on-going support required of the virtualized environment.  • Initial set-up and configuration of VMWare agents on host devices. • Applying VMWare patches to host platform

	Data Center Services - E-Mail Services-						
E-Mail Services	Section 6.7	Account	Fixed monthly fee per unit		\$ 10.92		
L-Man Services	Section 6.7	Account	1 ixed monthly ice per unit	Hardware	\$ 10.72	\$ 1.86	
				Operating system license		\$ -	
				Hardware Maintenance		\$ 0.76	
				Software maintenance		\$ 8.30	
	Data Center Services - Storage						
DASD (Mainframe) Storage	ServicesSection 6.8	Installed Gigabytes	Fixed monthly fee per unit		\$ 7.12		
				Hardware		\$ 2.85	
				Operating system license		\$ -	
				Hardware Maintenance		\$ -	
				Software maintenance		\$ 4.27	
	Data Center Services - Storage						
DASD (DEC VAX) Storage	ServicesSection 6.8	Installed Gigabytes	Fixed monthly fee per unit		\$ 0.26		
				Hardware		\$ -	
				Operating system license		\$ -	
				Hardware Maintenance		\$ -	
				Software maintenance		\$ 0.26	
	Data Center Services - Storage						
DASD (AS/400) Storage	ServicesSection 6.8	Installed Gigabytes	Fixed monthly fee per unit		\$ 0.74		
				Hardware		\$ -	
				Operating system license		\$ -	
				Hardware Maintenance		\$ -	
				Software maintenance		\$ 0.74	
	Data Center Services - Storage						
DASD (Wintel) Storage	ServicesSection 6.8	Installed Gigabytes	Fixed monthly fee per unit		\$ 4.54		
				Hardware		\$ 1.68	
				Operating system license		\$ -	
				Hardware Maintenance		\$ -	
				Software maintenance		\$ 2.86	
	Data Center Services - Storage						
DASD (Unix) Storage	ServicesSection 6.8	Installed Gigabytes	Fixed monthly fee per unit		\$ 5.20		
				Hardware		\$ 1.93	
				Operating system license		\$ -	
				Hardware Maintenance		\$ -	
	P . 0 . 1 . 1			Software maintenance		\$ 3.28	
	Data Center Services - Storage						
DASD (VMS) Storage	ServicesSection 6.8	Installed Gigabytes	Fixed monthly fee per unit		\$ 4.53		
				Hardware		\$ 1.68	
				Operating system license		\$ -	
				Hardware Maintenance		\$ -	
			<b>+</b>	Software maintenance		\$ 2.86	)
	Dete Control Services Si		<b>+</b>	1		\$ -	
Installed I and 1 Change	Data Center Services - Storage	Installed Cleaks	Pined mendals for a 1		6 420		
Installed Level 1 Storage	ServicesSection 6.8	Installed Gigabyte	Fixed monthly fee per unit	IId	\$ 4.38		
			<b>+</b>	Hardware		\$ 0.83	
			<b>+</b>	Operating system license Hardware Maintenance		\$ -	
						\$ - \$ 3.55	
1			ļ	Software maintenance		\$ 5.55	ļ

	T =						
	Data Center Services - Storage						
Installed Level 2 Storage	ServicesSection 6.8	Installed Gigabyte	Fixed monthly fee per unit		\$ 4.08		
				Hardware	\$	1.55	
				Operating system license	\$	-	
				Hardware Maintenance	\$	-	
				Software maintenance	\$	2.53	
	Data Center Services - Storage						
Immutable Storage	ServicesSection 6.8	Month	Fixed monthly fee per unit		\$ 35,990.37	0.045.40	
				Hardware and Maintenance	\$	9,357.50	
				Software and Maintenance	\$		
				Network Replication	\$	2,159.42	
				Third Party Services	\$	1,079.71	
				Service Line Support (leveraged service)	\$	10,077.30	
	Data Center Services - Storage				\$ 2.79		
Tier III Storage	ServicesSection 6.8	Installed Gigabytes	Fixed monthly fee per unit				
				Hardware	\$		
				Operating system license		n/a	
				Hardware Maintenance		n/a	
				Operations and Support Services	\$	1.73	
	Access Gateway ServicesSection		Fixed monthly, up to 1,400	1			
Access Gateway Services	6.10	Month	concurrent users		\$12,133.75		
				Citrix Implementation	\$	\$ 606.25	solution will support up to 1400 concurrent users
			1	1			Per Anasazi-provided Architectural design. Hardware, no refresh included,
				Hardware and Maintenance	\$		maintenance covered for Contract Term, and LAN within the data center
				Software and Maintenance	\$	\$ 353.94	F5 load balancer BIG-IP add-on: SSL license (1000TPS).
			<u> </u>				EDS proprietary and vendor tools and support, including: Anasazi Vlan, separate
			1				firewalls, hardware/software configuration management, systems administration for
							applying patches from vendors, back-up/restore, facilities and power, and basic
				Operational and Support Service	\$	\$ 7,607.50	systems monitoring.
Office Communication Services (OCS) - 0 to 2500 users	6.1	per user	\$7.75		\$ 7.75		
				Hardware	\$	\$ 1.51	
				Hardware Support - Data Center	\$	\$ 2.36	
				Software and End-User Support - OCS	\$	3.88	
Initial OCS Set-up			\$79,170.00		\$ 79,170.00		
	Cross Functional Services - Security						
Security Management	Management ServicesSection 7.3	Month	Fixed monthly fee per unit		\$ 41,421.14		
				Help Desk Services	\$	2,071.06	
				Applications Services	\$	9,526.86	
				Desktop Services	\$	7,870.02	
				Network Services	\$	12,840.55	
				Data Center Services	\$	9,112.65	
	Cross Functional Services - Billing						
Billing Management	Management ServicesSection 7.4	Month	Fixed monthly fee per unit		\$ 49,216.11		
				Help Desk Services	\$	2,460.81	
				Applications Services	\$	11,319.71	
				Desktop Services	\$	9,351.06	
				Network Services	\$		
				Data Center Services	\$	10,827.54	
	Cross Functional Services - Asset						
Asset Management	Management ServicesSection 7.5	Month	Fixed monthly fee per unit		\$ 94,047.00		
			1	Help Desk Services	\$	4,702.35	
				Applications Services	\$		
				Desktop Services	\$	17,868.93	
				Network Services	\$	29,154.57	
				Data Center Services	\$		
	Cross Functional Services - Contract						
Contract Management	Management ServicesSection 7.6	Month	Fixed monthly fee per unit		\$ 146,702.12		
	1			Help Desk Services	\$	7,335.11	
				Applications Services	\$	33,741.49	
				Desktop Services	\$	27,873.40	
				Network Services	\$	45,477.66	
				Data Center Services	\$	32,274.47	
	Cross Functional Services - Reporting						
Reporting Services	ServicesSection 7.7	Month	Fixed monthly fee per unit	1	\$ 49,130.63		
			, , , , , , , , , , , , , , , , , , , ,	Help Desk Services	\$	2,456.53	
	1		İ	Applications Services	\$	11,300.05	
				Desktop Services	\$	9,334.82	
				Network Services	\$	15,230.50	
				Data Center Services	\$	10,808.74	
	1				4		ı

	Cross Functional Services - Disaster							
Disaster Recovery	Recovery ServicesSection 7.8	Month	Fixed monthly fee per unit		\$ 19,	,498.18		
				Help Desk Services		\$	974.91	
				Applications Services		\$	4,484.58	
				Desktop Services		\$	3,704.65	
				Network Services		\$	6,044.44	
				Data Center Services		\$	4,289.60	

	Corres Franchisco I Compiler World I						
W Id d	Cross Functional Services- Workflow	3.6	F: 1 41.6	1			
Workflow Services	ServicesSection 7.9	Month	Fixed monthly fee per unit	Help Desk Services	\$ 11,752.43	6 507.43	
						\$ 587.62	
				Applications Services		\$ 2,703.06	
				Desktop Services		\$ 2,232.96	
				Network Services		\$ 3,643.25	
	G F : 10 : 0 :			Data Center Services		\$ 2,585.54	
	Cross Functional Services- Capacity						
	and Performance Management Services-						
Capacity and Performance Management	-Section 7.10	Month	Fixed monthly fee per unit		\$ 30,880.67		
				Help Desk Services		\$ 1,544.03	
				Applications Services		\$ 7,102.55	
				Desktop Services		\$ 5,867.33	
				Network Services		\$ 9,573.01	
				Data Center Services		\$ 6,793.75	
	Cross Functional Services -		1	1			
	Configuration Management Services		1	1			
Configuration Management	Section 7.11	Month	Fixed monthly fee per unit		\$ 18,481.33		
				Help Desk Services		\$ 924.07	
				Applications Services		\$ 4,250.71	
				Desktop Services		\$ 3,511.45	
				Network Services		\$ 5,729.21	
				Data Center Services		\$ 4,065.89	
	Cross Functional Services - Account						
Account Management	Management ServicesSection 7.12	Month	Fixed monthly fee per unit		\$ 26,215.38		
				Help Desk Services		\$ 1,310.77	
				Applications Services		\$ 6,029.54	
				Desktop Services		\$ 4,980.92	
				Network Services		\$ 8,126.77	
				Data Center Services		\$ 5,767.38	
	Cross Functional Services - Project						
Project Management	Management ServicesSection 7.13	Month	Fixed monthly fee per unit		\$ 81,736.23		
				Help Desk Services		\$ 4,086.81	
				Applications Services		\$ 18,799.33	
				Desktop Services		\$ 15,529.88	
				Network Services		\$ 25,338.23	
				Data Center Services		\$ 17,981.97	
	Cross Functional Services - Quality						
Quality Assurance	Assurance ServicesSection 7.14	Month	Fixed monthly fee per unit		\$ 46,182.78		
				Help Desk Services		\$ 2,309.14	
				Applications Services		\$ 10,622.04	
				Desktop Services		\$ 8,774.73	
				Network Services		\$ 14,316.66	
				Data Center Services		\$ 10,160.21	
	Cross Functional Services - Transition						
Transition ServicesHelp Desk Services	ServicesSection 7.15	Milestone	Fixed fee per unit	1	\$ 1,100,797.08		
•				Hardware		\$ -	
				Software		\$ -	
				Labor		\$ 1,100,797.08	
	-						

	Cross Functional Services - Transition						
Transition ServicesApplications Services	ServicesSection 7.15	Milestone	Fixed fee per unit		\$ 2,799,175.0	14	
			•	Hardware		\$ -	
				Software		\$ -	
				Labor		\$ 2,799,175.04	
	Cross Functional Services - Transition						
Transition ServicesDesktop Services	ServicesSection 7.15	Milestone	Fixed fee per unit		\$ 1,209,194.8	36	
				Hardware		\$ 12,086.75	
				Software		\$ 21,756.16	
				Labor		\$ 1,175,351.95	
	Cross Functional Services - Transition						
Transition ServicesNetwork Services	ServicesSection 7.15	Milestone	Fixed fee per unit		\$ 905,641.0	3	
				Hardware		\$ 7,365.31	
				Software		\$ -	
				Labor		\$ 898,275.72	
	Cross Functional Services - Transition						
Transition ServicesData Center	ServicesSection 7.15	Milestone	Fixed fee per unit		\$ 4,360,829.4	-8	
				Hardware		\$ 518,966.56	
				Software		\$ -	
				Labor		\$ 3,841,862.92	
	L			•			

<sup>\*\*</sup>Note: Column B (Schedule 4.3 Reference/Component) includes the Section reference for the specific requirements for this particular Resource Unit but it still includes all general requirements applicable to such Resource Unit in the higher levels of the obligations hierarchy as described in Section 1.3.8 of Schedule 4.3. For example, the Resource Unit for Standard PC includes not only the responsibilities as stated in Section 4.4 of the Desktop Services Section of Schedule 4.3, but also the responsibilities in Section 4.1 through 4.3 of the Desktop Services Section, as well as the responsibilities and requirements in Section 1 of Schedule 4.3.

\*\*\*Note: The mainframe resource unit volumes are based on the R24 CPUs

# **End of Exhibit**

County of San Diego/HP Enterprise Services, LLC

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IT and Telecommunications Service Agreement
Amended and Restated Version 01